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Dated: November 19, 2009

Electronic Signature for Kevin J. Canning: /Kevin J. Canning/

Docket No.: MWS-111RCE2  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Joseph F. Hicklin *et al.*

Application No.: 10/783,552

Confirmation No.: 7454

Filed: February 20, 2004

Art Unit: 1631

For: METHOD AND APPARATUS FOR  
IMPROVED MODELING OF CHEMICAL  
AND BIOCHEMICAL REACTIONS

Examiner: K. R. Skowronek

**AMENDMENT IN RESPONSE TO FINAL OFFICE ACTION**

MS AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated August 19, 2009, (Paper No. 20090814), please reconsider the above-identified U.S. patent application in light of the following.

**Amendments to the Claims** are reflected in the claim listing beginning on page 2 of this paper.

**Remarks/Arguments** begin on page 10 of this paper.